### निविदा आमंत्रण सूचना सख्या-01 वर्ष 2020-21

#### कार्यपालक अभियंता -1

डा. राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा समस्तीपूर (बिहार)

डा. राजान	प्रसाद कन्द्राय कृषि विश्वविद्यालय, पूर्ता समस्तापूर विकार
1. विज्ञापन दाता का नाम	:-कार्यपालक अभियंता –1 (P & F) डाo राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर (बिहार )
2. परिमाण विपत्र डाउनलोड करने की तिथि एवं स्थान	:-दिनांक 18.07.2020 से विश्वविद्यालय वेबसाइट www.rpcau.ac.in पर डाउनलोड करने हेतु उपलब्ध।
3. निविदा प्राप्ति की तिथि एवं समय	:-दिनांक 23.07.2020 को 10:00 बजे से 2:30 अपराहन तक।
4. निविदा प्राप्ति का स्थान	:-कार्यालय, कार्यपालक अभियंता-1 (P & F) डा० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर (बिहार)
5. निविदा खोलने की तिथि एवं समय	:-दिनांक 23.07.2020 को 3:00 बजे
कार्यपालक अभियंता (विधत) डा० राजेन्द्र प्रसाद केन्द्र	हैं, पूसा समस्तीपुर में भुगतेय एवं राष्ट्रीयकृत बैंक के किसी भी शाखा से निर्गत बैंक ड्राफ्ट जो य कृषि विश्वविद्यालय पूसा समस्तीपूर के नाम से निर्गत होगा द्वारा लिया जाएगा।
र जिन संवेदक के पास भारत सरकार /बिहार सरकार	के अधीन किसी भी प्रमण्डल या डा० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर में कार्य लियत होगा नामा कर कार्य प्रारंभ नहीं किया जा रहा होगा तो उन्हें निविदा में भाग नहीं लेना हैं, उनके निविदा पर विचार नहीं
8. निबंघन तथा विधुत लाईसेंस संलग्न करना अनिवार्य	होगा ।
9. कार्य की विवरणी	

SI. No	Name of work	Estimated Cost (In Rs)	E.M Cost (In Es)	Cost of BOQ (In Rs.)	Time of Completion
1	Internal E/I in Children's Park near Rajendra Shishu Sadan at DRPCAU, Pusa.	6,95,408.00	14,000.00	1,250.00	One month
2.	Internal E/I in Director (B&I), Director (P&F) and E.E(Elect.) Office at DRPCAU, Pusa.	1,54,329.00	3,100.00	500,00	15 days
3.	Internal E/I in Qtr, No. B <sub>2</sub> -09 at DRPCAU, Pusa.	1,13,973.00	2,300.00	500.00	One month
4.	Internal E/I in Qtr No. Bangla No. 5/4 at DRPCAU, Pusa.	1,15,736.00	2,400.00	500.00	One month
5.	Internal E/I in Civil Office & B <sub>2</sub> -15 at DRPCAU, Pusa.	2,44,049.00	4,900.00	500.00	One month
6.	Internal E/I in Qtr. No. B <sub>2</sub> -07 and B <sub>2</sub> -8 at TCA,Dholi.	2,35,044.00	5,000.00	500.00	One month
7.	Internal E/I in Millet Store- cum- Office, TCA, Dholi.	1,17,475.00	2,500.00	500,00	One month
8.	Internal E/I in Director are of Extension Education Building at DRPCAU, Pusa.	3,81,911.00	7,7000.00	750.00	One month
9.	Internal E/I in E.Type quarter No.1,2,4,6,8,9,10,11,12,13, 14,15, 17,18, 19,20,21, 23,24, 25, 26,27,28 (Total-23 Unit)at DRPCAU, Pusa	6,68,687.00	14,000.00	1250.00	One month
10.	Internal E/I in E.Type quarter No.29,30,31,33,34,35,36, 37,38, 39, 40,41,42,43, 44,45,46, 47, 48,49 (Total-20)at DRPCAU, Posa	5,83,700.00	12,000.00	1250.00	One month
11.	Internal E/I in E.Type quarter No. 50,51,52,53,54,55,56,57,58, 59,60,61,62, 63, 64,65,66, 67, 68,69,70,71,72 (Total-23) at DRPCAU, Pusa	6,68,687.00	14,000.00	1250.00	One month
12.	Internal E/I at 1 <sup>st</sup> Floor, Mess & Main Panels in Guest House at DRPCAU, Pusa.	4,21,264.00	8,500.00	750,00	Two month
13.	Internal Electrical Installation Central Bank of India at DRPCAU, Pusa	2,25,683.00	4,600.00	750.00	One month

Terms & Conditions may be seen on University website: www.rpcau.ac.in

वैसे संवेदक निविदा में भाग लेने से विवित हैं (डिवार) जिन पर किसी कारणवश पूर्व से आवंटित योजना का कार्य लंबित चल रहा है। जो आवंटित कार्य का एकरारनामा नहीं किए हैं या फिर शुरू नहीं किए हैं, निविदा में भाग लेने के पात्र नहीं होगे। निविदा निरतार के एक सप्ताह के अंदर एकरारनामा करना अनिवार्य होगा। ससमय एकरारनामा नहीं करने पर कार्य का दावा समापा हो जाएगा और द्वितीय न्यूनतम निविदाता को कार्य आवंटित किया जा सकता हैं।

10. एकरारनामा नहीं होने तक संबंधित कार्य के अन्य निविदादाताओं के अग्रधन की राशि को नहीं लोटाया जाएगा।

11. परिमाण विपन्न की राशि घट या वढ सकती हैं। फलस्वरूप, अग्रधन की राशि घट या वढ सकती है।

12. निविदा कामजात के साथ समुधित श्रेणी में निबंधन <mark>की स्वप्रमाणित छाया प्रति, वस्तु एवं सेवा कर का निबंधन प्रमाण पत्र की स्वप्रमाणित छाया प्रति, आयुक्त प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अद्यतन यस्त्रि प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अद्यतन यस्त्रि प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अद्यतन यस्त्रि प्रमाण पत्र की स्वप्रमाणित छाया प्रति संलग्न करना अनिवार्य होगा।</mark>

13. सशर्त निविदा अगान्य होगी।

14. आवंटन उपलब्ध होने पर ही भूगतान किया जाएगा।

15. अग्रधन के रूप में राष्ट्रीय बचत पत्र / तीन-पाँच साल तक का समयावधी का पोस्टऑफिस में जमा राशि (T.D) का पासबुक कार्यपालक अभियंता (विघुत) डा० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा, समस्तीपुर के पद नाम से विधिवत् प्रतिज्ञित हो निविदा के साथ संलग्न करना अनिवार्य होगा।

16. अघोहस्ताक्षरी को निविदा बिना कारण बताये रदद करने का अधिकार सुरक्षित है।

17. विशेष जानकारी के लिए अधोहस्ताक्षरी के कार्यालय में कार्य दिवस में सम्पर्क किया जा सकता हैं।

18. परिमाण विषय प्राप्ति की तिथि के दिन अवकाश हो जाने की स्थित में अगले कार्य दिवस को प्राप्ति की कार्रवाई होगी।

19. 10 प्रतिशत से ज्यादा कम दर उद्धृत रहने वाले निविदाएँ अमान्य होंगी अर्थात परिमाण विपन्न से 10 प्रतिशत से अधिक कम दर होने पर निविदा अमान्य समझी जाएगी।

20. निविदा विपत्र विश्वविद्यालय वेबसाइट <u>www.rpcau.ac.in</u> पर से डाउनलोड करना अनिवार्य हैं।

21. लिफाफा (A) में, निविदा विपत्र का मूल्य एवं शपथ-पत्र मूलरूप में डाल कर सिल कराना तथा लिफाफा पर (A) लिखना अनिवार्य हैं। लिफाफा (A) खोलने पर निविदा विपत्र का मूल्य एवं शपथ-पत्र नहीं मिलने पर लिफाफा (B) नहीं खोला जाएगा तथा संवेदक का निविदा रद्ध कर दिया जाएगा।

22. पोस्टऑफिस में जमा राशि (T.D) का पासबुक, समुचित श्रेणी में निबंधन की स्वप्रमाणित छाया प्रति, वस्तु सेवा कर निबंधन प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन श्रम अनुज्ञप्ति प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन चिरत्र प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन चरित्र प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अन्य कागजातों की स्वप्रमाणित छाया प्रति को डाल कर सिल कराना तथा लिफाफा पर (B) लिखना अनिवार्य हैं। लिफाफे पर (B) लिखा नहीं होने पर निविदा रद्ध कर दिया जाएगा।

23. नाम-पता, मोo नo लिखना अनिवार्य हैं, लिफाफे पर (C) और ग्रुप संख्या नहीं लिखा होने पर निविदा रद्ध कर दिया जाएगा।

24. प्रत्येक कार्य के लिए अलग-अलग बैंक ड्राफ्ट एवं शपत-पत्र मूलरूप में देना अनिवार्य हैं।

25 किसी अन्य व्यक्ति या फार्म के नाम पर राष्ट्रीय बचत पत्र/तीन-पाँच साल तक का समयावधी का पोस्ट ऑफिस में जमा राशि (T.D) निर्गत रहने पर निविद्या निरस्त कर दिया जाएगा।

कार्यपालक अभियता-1 डाठराठप्रठकेठक्ठिवेठ,पूसा

Memo No........../E.E.-1, Dr. R.P.C.A.U Pusa

Date 0.9/0.7/50

Copy forwarded to Director (P & F) /Comptroller/Executive Engineer-2/Assistant Engineer (Elect.)Pusa & Dholi/Assistant Comptroller for information and wide publicity.

कार्यपालक आगयता -1 डा०्रा०प्र०मे०क्०वि०,पूसा

Date...6.9.10.7150

Memo No....../ E.E.-1,Dr. R.P.C.A.U Pusa

Copy forwarded to Officer In-charge, Univ. Website. He is requested to please put it in Official Website of the University.

कार्यपालक अभियंता —1 अंत्रशतुप्रवक्तेवकृतिव,पूसा

CC to secretary to Vice-Chancellor for kind information to Hon'ble Vice-Chancellor Notice Board.

Name of work	Internal Electrical Ins at RPCAU, Pusa	tallation in Children's Park near Rajendra Shishu Sadan
Estimated Cost	Rs. 6, 95, 408=0	Sold to M/S
Earnest Money	R.14,000=	Address:
Cost of B.O.Q	Rs. 1250 20	Registration No.
Time of Completion	one month.	M.R.No.

SL. NO	S.O.R NO.	ITEM OF WORK	RATE	UNIT	QTY	AMOUNT
	NS	Supplying and laying of XLPE/PVC insulated pvc sheated (Heavy Duty) armoured electrical cable with aluminium conductor for working voltage upto and incluing 1100 volts conforms to IS: 1554, part-1 a)35 sq. mm, 3.5 core b)25 sq. mm, 3.5 core c)16 sq. mm 4 Core d)10 sq. mm 4 Core	45 Mtrs 180 Mtrs 800 Mtrs 65 Mtrs	350.00 297.00 250.00	Per M Per M Per M	
02		Supplying and drawing following sizes of FRLS PVC insulated	03 Will's	195.00	Per M	
		recessed steel/ PVC conduit as required.  2 x 1.5 sq. mm	100Mtrs	41.00	Per M	
03		Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator) 6 way, Double Door				
04		Supplying and fixing following rating, four pole, (three phase	01 No.	1661.00	Each	
		sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as read				
		63 Amp. TPN MCB.	02 Nos.	2375.00	Each	· · · · · · · · · · · · · · · · · · ·
05		Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of fellowing poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		2575.00	Lacii	
		Single Pole	04Nos.	199.00	Each	
		Single Pole & Neutral	01Nos.	544.00	Each	
06		Providing and fixing following capacity double pole/TP&N sheet metal switch disconnect or fuse unit in existing metal board with rewire able type fuses, including drilling holes in metal board, making connections, etc. as reqd.			Lacii	
1		63 Amps, TP&N.	01 Nos.	2925.00	Each	

					P
07	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set	5308.00	Per Set	
08	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	40 M	257.00	Don M	
09	Supplying, fitting and fixing of Cover with Hyleen Sheet ("4 x7") in every light fitting including connections etc. as required	85Nos.	40.00	Per M Each	
10	Supplying, fitting and fixing of Light Fittings with 9 watts bulb complete set as per required.	85 Nos.	1725.00	Each	
11	Supplying, Fitting and Fixing of Open Well Single Phase Submersible Pump motor shift with Panel including connections etc as required.	01 No.	23400.00		
13	Supplying and fixing of Feeder Pillar panel along with consisting of following items as per specification and direction of E/I including all taxes and royality.  a)size: -700x 700x 300x 1.6 mm -5.3 No. b)copper busbar (25x3)- 1 No. c)stand (angle 30x5) 300x 450 - 1 No. d)MCCB 63 A 4P, 36 KA TM - 1 No. e)S/T Terminal 63 A 4P - 1 No. f) Indicator Set - 1 No. g) Togal Switch - 1 No. h)24 hr Digital Timer 230 V AC - 1 No. i)32 4P MCB 10 KA - 3Nos. j)63A, 4P Power Contractor 230 V AC - 1 No. k)TSB4 63 A - 1 No. including connections etc. as required.  Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not	02 Nos.	41900.00	Each	
	exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.			+	
6	All kinds of Soil. (85x.30x.30x.60)	4.59Cum	252.30	Cum	
14	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement – All work up to plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)  (85x.30x.30x.75)				-
15	12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	5.74Cum	7718.25	Cum	
	Side (85x.1.20x.30)	30.6Sqm	340.85	Sqm	
16	Top (85x.30x.30x)	7.65Sqm	340.85	Sqm	
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:  One or more coats on old work				April
	Circum (85xПx.0.05x.60x)	8.01Sqm	79.95	Sqm	
_	Top (85x.30x.30x)	7.65Sqm	79.95	Sqm	
	Column (85x1.20x.30x)	30.6Sqm	79.95	Sqm	



17	S/F/F 50 mm dia M.S Pipe as including ceiling coeiding all complete job.				17
	(85x.1.50)	127.5 M	375.00	Per M	

Executive Engineer Electrical

DRPCAU Pusa (Samastipur)

(b)		gistration No.: ertified copy to be enclosed)
(c)	Inc	come Tax & GST Clearance Certificate:
(d)	Lic	cence issued by the Labour department:
(e)	De	tailed of documents attached:
(f)	Na	ame and address of the Contractor:
(g)	Sig	gnature of tenders:
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.
	2.	(i) In word Percent above the rates shown in the bill of quantities.
		(ii) In figure Percent above the rates shown in the bill of quantities.
	3.	(i) In word Percent below the rates shown in the bill of quantities.
		(ii) In figure Percent below the rates shown in the bill of quantities.
		I/We will complete the work within calendar months from the date of work order.
		I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F <sub>2</sub> I the N.I.T. and special condition attached herewith.
3		
40		Name & full Signature of the Tenderer
		Tychutive Engineer (Flectrical)
	i.	No. of cutting.  Executive Engineer (Electrical)  DRPCAU, Pusa (Samastipus)
	ii.	No. of over writing
	iii.	Rate quoted
		Executive Engineer (Electrical) DRPCAU,Pusa

#### OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

#### SPECIAL CONDITION

Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered. 1.

The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates. 2

- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected. 3.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-7
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any
- No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards
- royalty and cess shall be made as per rules. 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Pusa (Samastipur)

On D

	me of work:		8&I), Director (P&F) and E	xecutive E	ngineer Ele	ectrical Office	e at
	timated cost:	Rs. 154329=00	Sold to M/S				
Ear	rnest Money:	Rs. 3100 =00	Address				
Cos	st of B.O.Q:	Rs. 500 =00	Registration No.				
Tin	ne of Completion	15 days,	M.R.No.		- Anna Anna Anna Anna Anna Anna Anna Ann	•	
.N.					ate		
•	recessed medium laminated sheet,	point/fan point/ exhaust fan p C insulated copper conductor class PVC conduit with suitable size M.S. box and VC insulated copper conduct	single core cable in surface, piano type switch, phenolic	5	Unit	Rate	Amou
	Group-B			10 Nos.	Each	694.00	
_	Group-C			09 Nos.	Each	759.00	
		+/		06 Nos.	Each	966.00	
	recessed medium 2x1.5 Sq.mm	t/ submain wiring along with of C insulated copper conductor, class PVC conduit as required.	cingle core coll- !- c /	46 M	Pow M		
	2x2.5  Sq.mm + 1x	2.5 Sq.mm earth wire		134 M	Per M	41.00	
	2x4.0  Sq.mm + 1x	4.0 Sq.mm earth wire		80 M	Per M	167.00	
	Supplying and fir	xing following piano type sy ncluding connections etc. as re	vitch/socket on the existing qd.	80 M	Per M	200.00	
	3 pin 5/6 A Socket	outlet		36 Nos.	Each	45.00	
	15/16 Amp. Switch	outlet		17 Nos.	Each	58.00	
	16/16 Amp. Swock			07 Nos.	Each	110.00	
				07 Nos.	Each	128.00	
	OUA WOODEN DIOCK	xing 3 pin 5 A ceiling rosi including connections etc. as re	and	25 Nos.	Each	65.00	
	required.	ing brass batten/angle holder i		16 Nos.	Each	117.00	
	tinned copper bus	ng following way, horizontal istribution board, 415 V, on sur bar, neutral bus bar, earth bar-luding including earthing etcor)	rface/ recess, complete with				
+	Supplying and fix	ing following rating 240 V	101 0	01 Nos.	Each	3693.00	
	DB complete with o	ing following rating, 240 V, r inductive loads of following connections, testing and commit	nolog in the con				
	os Amp. TEN MICE			01 Nos.	Each	2025.00	
100	existing MCB DB c as required.	ng 5 A to 32 A rating, 240/4 eaker suitable for inductive loa omplete with connections, test	of following at the		750	3022.00	
	Single pole			18 Nos.	Each	199.00	
1	arrangement and wa	arth pipe 4.5 meter long, 40 mr asonry enclosure with coverering pipe etc.(with charcoal/	er plate having locking	01 Set	Per Set	5308.00	
- 0	copper wire 15 mm	dia GI/PVC Pipe from earth	h electrode with 4.00 mm electrode including earth	20 M	Per M	257.00	
1	supplying, fitting at	nd fixing of 18 watt LED Tu eqd. (Bajaj,Orpet/ Siska/Ancho	ho Light Disting to 1 11	15 Nos.	Each	980.00	

SAR

S.N.					
12.	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewire able type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd., miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.		Unit	Rsate	Amoun
13.	63 Amp. TPN Main switch	01 No.	Each	5225.00	
	Supplying, fitting, and fixing of 09 watt LED Bulb including connections etc. as reqd.	16 Nos.	Each	245.00	And.
14.	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	04 No.	Each	1232.00	
15.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	18 Nos.	Each	310.00	
16. 17.	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as regd. (Bajaj Oreya Havells Siska make)	02 Nos.	Each	10,500.00	
	Supplying and laying following sizes and core PVC/XLPE insulated PVC sheathed, heavy duty, armoured electrical cable with aluminium conductor for working voltage upto and including 1100 volts.(conforms to IS:1554, part-1)			10,500.00	
	16 Sq.mm 4 core	40.14	P 14		
18.	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	40 M	Per M	190.00	
	20mm	40 M	Don M	04.00	
19.	Supplying, fitting and fixing of Hyleen shee.	250	Per M	84.00	
	S/F/F of PVC Boards.	Sq.inch	Per Sq. inch	0.75	
	7"x4"	0031			
		08 Nos.	Each	60.00	

Executive Engineer Electrical

RRCAUPUSActical)

CAU, Pusa (Samastipur)

(b)		gistration No.: ertified copy to be enclosed)
(c)	Inc	ome Tax & GST Clearance Certificate:
(d)	Lic	ence issued by the Labour department:
(e)	Det	tailed of documents attached:
(f)	Na	ame and address of the Contractor:
(g)	Sig	nature of tenders:
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.
	2.	(i) In word Percent above the rates shown in the bill of quantities.
		(ii) In figure Percent above the rates shown in the bill of quantities.
	3.	(i) In word Percent below the rates shown in the bill of quantities.
		(ii) In figure Percent below the rates shown in the bill of quantities.
		I/We will complete the work within calendar months from the date of work order.
	and	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F <sub>2</sub> d the N.I.T. and special condition attached herewith.
2		
46		Name & full Signature of the Tenderer
		13/9/2020
	i.	No. of cutting
	ii.	No. of over writing
	iii.	Rate quoted
		Executive Engineer (Electrical) DRPCAU, Pusa

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- 7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance
  after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical DRPCAU, Pusa

Name of work	Internal Electrical in	stallation in Qtr No. B2-09 at RPCAU, Pusa.
Estimated Cost	R.1,13,973=	Sold to M/S
Earnest Money	R. 2300=0	Address:
Cost of B.O.Q	Re Sousa	Registration No.
Time of Completion	Dne mort	M.R.No.

SL. NO	S.O.R NO.	ITEM OF WORK	RATE	UNIT	QTY	AMOUNT
01		Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group-A Group-B Group-C	694.00 759.00 966.00	Pt.	12Pts. 17Pts.	
02		Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. b) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire c)2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire d)2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	167.00 200.00 249.00	Mtr. Mtr. Mtr.	15Pts. 160Mtrs. 28Mtrs.	
03		Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. a) 5/6 A switch b) 3 pin 5/6 A socket outlet c) 15/16 A switch d) 6 pin 15/16 A socket outlet	45.00 58.00 110.00 128.00	Each Each Each	17Mtrs. 12Nos. 12Nos. 09Nos.	
*04		Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	65.00	Each	09Nos.	
05		Supplying and fixing brass batten/ angle holder including connections etc. as required.				-
06	•	Supplying and fixing following way, single pole and neutral, sheetsteel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required. (But without MCB/RCCB/Isolator) a) 6 way, Double door	117.00	Each	29Nos.	
07		b)12 way, Double door  Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA,  "C"curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.  a) Single pole	2053.00	Each	01No.	
		GI OHIGE DUIE	100 00	Each	14 Nos.	

De

00			L. Village Co.		
08	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1	Each	INo.	
09	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	257.00	Mtr	11 Mtrs.	
10	S/F/F of Step Fan Regulator including connections etc as reqd on the existing board.	230.00	Each	06Nos.	
11	S/F/F of 32 Amp Main Switch including connections etc as reqd on the existing board.	1375.00	Each	01No.	
12	S/F/F of Ceiling Fans including connections etc as reqd.	2475.00	Each	06No.	T
13	S/F/F of different size of PVC Boards a)7" X 4" b)4" X 5"	60.00 50.00	Each Each	04Nos. 09Nos.	

Executive Engineer (A Electrical)

Recoding Engineer (A Electrical)

RECARPEAUS (Samastipur)

45

b)	Registration No.: (Certified copy to be enclosed)	
(c)	Income Tax & GST Clearance Certificate:	
(d)	Licence issued by the Labour department:	
(e)	Detailed of documents attached:	
(f)	Name and address of the Contractor:	
(g)	) Signature of tenders:	
		_
	I/We as per execute the work at:-  1. Estimated/Analysis rete shown in the Bill of Quantities.	
	2. (i) In word Percent above the rates shown in the bill of quantities.	
	(ii) In figure Percent above the rates shown in the bill of quantities.	
	3. (i) In word Percent below the rates shown in the bill of quantities.	
	(ii) In figure Percent below the rates shown in the bill of quantities.	
	I/We will complete the work within calendar months from the date of work orde	r.
	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from $F_2$ and the N.I.T. and special condition attached herewith.	
les.	Name & full Signature of the Tenderer	
	appen -	
	Executive Engineer (Electrical)	
	Dr. RPCAU, Pusa (Samastipur)	
	i. No. of cutting	
	ii. No. of over writing	
	Executive Engineer (Electrical) Dr.RPCAU,Pusa	

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

- Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- 6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- 7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- 8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- 9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical DRPCAU, Pusa (Samastipur

CITO

	L C 1		BIEL OF QUANTITY			AL	9
	lame of work:	Internal Electrical I	nstallation in Qtr. No. Bungla No.5/4 a	at DRPCA	II Duca		
-	stimated cost:	Rs.1,15,736.00	Sold to M/S	t Did Chi	O, Fusa		
-	arnest Money:	Rs.2,400.00	Address				
	ost of B.O.Q:	Rs.500.00	Registration No.	vi e			
	ime of Completion	One month	M.R.No. da	rto.			
	.N.	Itame o	of work		1 17-14		1
1.	with piano type sw	oint/fan point/ exhaust fan po onductor single core cable it vitch, phenolic, laminated s	oint/ call bell point with 1.5 sq.mm FRLS PVC n surface/ recessed medium class PVC conduit sheet, suitable size M.S. box and earthing the d copper conductor single core cable etc. as			Rate	Amoun
	Group-B			11 Nos.		694.00	
	Group-C			12 Nos.	Each	759.00	
2	PVC insulated copp conduit as required.	per conductor, single core of	n earth wire with the following sizes of FRLS cable in surface/ recessed medium class PVC		Each	966.00	
	2x2.5 Sq.mm + 1x2	.5 Sq.mm earth wire		10 M		146.00	
	2x4.0  Sq.mm + 1x4.	.0 Sq.mm earth wire		311 M		167.00	
3.	Supplying and fixin including connection 5/6 A switch	ng following piano type sw	vitch/socket on the existing switch box/cover	02 M	Per M	200.00	
	3 pin 5/6 A Socket of	else		17 Nos.	Each	45.00	
	15/16 Amp. Switch	utlet		17 Nos.	Each	58.00	
				10 Nos.	Each	110.00	
1	16/16 Amp. Swocket			10 Nos.	Each	128.00	
5.	morading conficction	is cic. as felli.	on the existing junction box/wooden block	10 Nos.	Each	65.00	
	Supplying and fixing	, brass batten/angle holder in	ncluding connection etc. as required.	29 Nos.	Each	117.00	
6.	board, 240 volts, on	g following way, single pol surface/ recess, complete vaterconnections, powder pair B/Isolator)	ele and neutral, sheet steel, MCB distribution with tinned copper bus bar, neutral bus bar, inted including earthing etc. as required (Bud			117.00	
7.				01 No.	Each	2053.00	
7.	Saidable for madelly	5 A to 32 A rating, 240/415 ve load of following poles and commissioning etc. as re	5,10KA, "C" curve, miniature circuit breaker s in the existing MCB DB complete with equired.			2000.00	
	Single Pole & Neutral	1		10 Nos.	Each	199.00	
8.	Farthing with G Lear	ath mins 4.5 mater laws 40		01 Nos.	Each	544.00	
	charcoal/ coke and sal	olt) as required	mm dia including accessories ,and providing ing arrangement and watering pipe etc.(with	01 Set	Per Set	5308.00	
9.	excavation and re-filing	ng as required.	arth electrode with 4.00 mm copper wire 15 uding earth connection with copper thimble	22 M	Per M	257.00	
10	Committee Carl	I fixing of Step fan regula	ator in the existing board connection etc as	10 Nos.	Each	310.00	
10.	required.		STORT CENTRES TO RECOTE PERSONNELLE METTER PROPERTY.				
10. 11.	S/F/F of PVC Boards.		State State on Control of State of Stat				
	S/F/F of PVC Boards.		The state of the s	06 Nos	Fach	60.00	
	S/F/F of PVC Boards.			06 Nos. 02 Nos.	Each Each	60.00	

Executive Engineer Electrical

ORPCAU, PUSA

(Samastipur)

(0)		ertified copy to be enclosed)	
(c)	In	ome Tax & GST Clearance Certificate:	
(d)	Li	ence issued by the Labour department:	
(e)	De	railed of documents attached:	
(f)	N	me and address of the Contractor:	
(g)	Sig	nature of tenders:	
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.	
	2.	(i) In word Percent above the rates shown in the bill of quantities.	
		(ii) In figure Percent above the rates shown in the bill of quantities.	
	3.	(i) In word Percent below the rates shown in the bill of quantities.	
		(ii) In figure Percent below the rates shown in the bill of quantities.	
		//We will complete the work within calendar months from the date of work	order.
á	and	/We have read and fully understood the terms and condition of the state (P.W.D.) contract from the N.I.T. and special condition attached herewith.	n F <sub>2</sub>
		Name & full Signature of the Tender	er
		3/7/200	
i		No. of cutting	)
i	i.	No. of over writing	
i	ii.	Rate quoted	
		Executive Engineer (Electrical	1)

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.

2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.

- 3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- 4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- 8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electricat!

NDRPCAU Pusa

CREAU Pusa (Samastiput



Name of work Estimated Cost	Internal Electrical insta	allation in Civil Office & B <sub>2</sub> -15 at RPCAU, Pusa
Earnest Money	K 244049=00	Sold to M/S
Cost of B.O.Q	P 1000-00	Address:
Q.O.D 10 1605	12 200-00	Registration No.
ime of Completion	One Month.	M.R.No.

SL. NO	0 S.O.R				The state of	0.1/200
01		Wiring for light point/ fan point/ exhaust fan point/ call to				
		point   fan point/ exhaust fan point/ ==#	RAT	E U	NIT QTY	
		point with 1.5 sq.mm FRLS PVC insulated copy conductor single core cable in surface / research	pell		VII	AMOL
		conductor single core	ner			
		class PVC and it cable in surface / recessed media	ım	1		
		laminated to conduit, with piano type switch at	1111			
	1	class PVC conduit, with piano type switch, pheno laminated sheet, suitable size M.S. how and	lic	- 1		
	1	point with 15 samm FDI and earthing t	he	1		
		point with 1.5 sq.mm FRLS PVC insulated copp	er			
	1.8.	conductor single core cable etc. as required.	Ci	1		
	1.8.2					
	210700080	Greap-B	694.0	0 P	100	
00	1.8.3		750 0		1	
02	1.14	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulate with the following sizes of the fo	000.0		V 11 10.	
		the fall circuit submain wiring along with earth wir	966.0	0 Pt	. 25Pts.	
	1	the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/	h		207 13.	
	1	conductor single core and the insulated coppe	er	- 1		
		class PVC conduit as a series of recessed medium	n			
	1.14.1	a) 2 X 1 5 cg required.				1
	1.14.2	" 2 A 1.3 S0 mm + 1 V 1 F -	70.84			
		b) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire c)2 X 4.0 sq. mm + 1 X 4.0	146.00	Mtr	2584	
-	1.14.3	c)2 X 4.0 sq. mm + 1 X 4.0 cz	167.00		Lower Co.	
	1.14.4	c)2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire c)2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire Supplying and fixing follows:	200.00	1000	- ioivitio	
03	1.23	Supplying 1 X 6.0 sq. mm earth wire	200.00		73Mtrs.	
		Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections.	249.00	Mtr.	17Mtrs.	
		the existing switch box/ cover including connections etc. as			Trivitis.	
*	12 SIGES 17	required. required connections etc. as		-	1	
1	1.23.1	a) 5/6 A switch				
- 1	1.23.4	h) 3 nin 5/0 A				
	1.23.3	b) 3 pin 5/6 A socket outlet	45.00	Each	37Nos.	
- 1		(c) 13/16 A Switch	58.00	Each		
-	1.23.5	d) 6 pin 15/16 A socket author	110.00			
04	1.33	Supplying and fine		Each		
45	asamu	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections.	128.00	Each	19Nos.	
		Junction box/ wooden block including consecutive existing			1,00.	
)5		required.	1		1	
13	1.34	Supplying and fixing have	65.00	-		
		Supplying and fixing brass batten/ angle holder including connections etc. as required	03.00	Each	33Nos.	
6	2.3	connections etc. as required.	Sec. 120			
	2.3	Supplying and fixing falls:	117.00	Each	1111-	
		sheetsteel, MCB distribution board, 240 V, on surface/		Lacii	41Nos.	
- 1		recess complete will button board, 240 V. on surface!				
-		recess, complete with tinned copper bus bar, neutral bus			1 1	
1		bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required (Direction)				
		Including earthing				
		MCB/RCCB/Isolator) etc.as required. (But without				
	2.3.1	a) 6 way, Double door				
	2.3.3	h)12 way D				
		b)12 way, Double door	1661.00	Each	02Nos.	
	2.10	Supplying and fixing 5 A L ag	2053.00		021105.	
- 1		"C"curve ministure size it 32 A rating, 240/415 V 10 kA		Each	03Nos.	
		"C"curve, miniature circuit breaker suitable for inductive				
	1	or following poles in the existing MCP DE		-		
		load of following poles in the existing MCB DB complete				
- 1		required. suita commissioning etc. as				
2	.10.1	a)Single pole	1			
		h)Single D. L. a.	-			
		b)Single Pole & Neutral	199.00	Each	38 Nos.	
			544.00		05 Nos.	

08	5.2	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and self-				
09	5.13	Providing and laving earth connection (	5308.00	Each	2Nos.	
		with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble		1		
10	NS	S/F/F of Step Fan Regulator includio	257.00	Mtr	31 Mtrs.	
11	NS	S/F/F of LED 20 watts Tube Lights including	230.00	Each	12Nos.	- S
12	NS	S/F/F of 55/60 watt LFD light including	980.00	Each	15Nos.	5
13	NS	reqd on the existing board.  S/F/F of 9 watt LED light including connections etc as reqd on the existing board.	10450.00	Each	01Nos.	
14	NS	S/F/F of 2.5 Mfd Condenser including	225.00	Each	12Nos.	
15	NS	reqd on the existing board.  S/F/F of Wireless Call Bell including connections etc as reqd on the existing board.	45.00	Each	08Nos.	
16	NS	reqd on the existing board.  S/F/F of 32 Amp Main Switch including connections etc as reqd.	195.00	Each	04Nos.	
17	NS		1375.00	Each	State of	
18	NS	S/F/F of Ceiling Fans including connections etc as reqd.  S/F/F of different size of PVC Boards	2475.00	Each	01No. 06Nos.	
		a)7" X 4" b)4" X 5"	60.00 50.00	Each Each	09Nos. 19Nos.	

Executive Engineer (Electrical)

RPCAU SPUSA Mastipur)

(c) In	ncome Tax & GST Clearance Certificate:
(d) L	icence issued by the Labour department:
(e) D	etailed of documents attached:
(f) N	Name and address of the Contractor:
(g) Si	ignature of tenders:
1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.
2.	(i) In word Percent above the rates shown in the bill of quantities.
	(ii) In figure Percent above the rates shown in the bill of quantities.
3.	(i) In word Percent below the rates shown in the bill of quantities.
	(ii) In figure Percent below the rates shown in the bill of quantities.
	I/We will complete the work within calendar months from the date of work order.
an	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F <sub>2</sub> d the N.I.T. and special condition attached herewith.
*	
+6	Name & full Signature of the Tenderer
	81317120n.
i.	No. of cutting.  Executive Engineer (Electrical)  No. of cutting.  DRPCAU Pusa (Samastipur)
ii.	No. of over writing
iii.	Rate quoted
	Executive Engineer (Electrical) DRPCAU.Pusa

(b) Registration No.: (Certified copy to be enclosed)

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- 3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- 4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- 6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- 7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- 8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical



100	e of Work;	Internal Electrical Insta	allation in B <sub>2</sub> -7 & B <sub>2</sub> -8 quarter at Dholi Ca	mnue			
Estin	nated Cost:	Rs. 235044 = 0	Sold to M/S	impus			
Earne	est Money:	Rs. 5000=0	Address				
	of BOQ:	Rs. 500 =0	Registration No.				
Time	of Completion:	ONE MONAL.	M.R. No. Date:				
S.N.			of work	lie			
1.	with piano type sw	oint/fan point/ exhaust fan pe conductor single core cable i	point/ call bell point with 1.5 sq.mm FRLS PVC n surface/ recessed medium class PVC conduitet, suitable size M.S. box and earthing the point nductor single core cable etc. as required.		. Uni	t Rate	Amou
	Group-B			30 Nos.	Pt.	694.00	
	Group-C			36 Nos.	Pt.	759.00	
2.	required. 2x2.5 Sq.mm + 1x2	2.5 Sq.mm earth wire	arth wire with the following sizes of FRLS PVC surface/ recessed medium class PVC conduit as		Pt.		
	2x6.0  Sq.mm + 1x6	5.0 Sq.mm earth wire		370 M	Mtr.	167.00	
3.	Supplying and fix including connection 5/6 A switch	ing following piano type syons etc. as reqd.	vitch/socket on the existing switch box/cover		Mtr.	249.00	
- [	3 pin 5/6 A Socket	outlet		28 Nos.	Each	45.00	
	15/16 A Switch			28 Nos.	Each	58.00	
	6 pin 15/16 A Socke	et outlet		14 Nos.	Each	110.00	
4.			e existing junction box/wooden block including	14 Nos. 34 Nos.	Each Each	128.00 65.00	
5. 6.	Supplying and fixin	g brass batten / angle holder i	poluding sourceties to the				
0.			ncluding connection etc. as required.	54 Nos.	Each	117.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double doo Supplying & fixing suitable for inducti	a surface/ recess, complete with somections, powder painted in or)  To A to 32 A rating, 240 / 41 ive load of following pole	ole and neutral, sheet steel, MCB distribution the tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breaker in the existing MCP, DP, and the existing MCP.	02 No. 02 No.	Each Each	1760.00 2053.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double doo Supplying & fixing suitable for inducti connections, testing	a surface/ recess, complete with connections, powder painted in part of the connections.	ole and neutral, sheet steel, MCB distribution the tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breaker in the existing MCP, DP, and the existing MCP.	02 No. 02 No.	Each	1760.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double doo Supplying & fixing suitable for inducti connections, testing Single Pole	a surface/ recess, complete with somections, powder painted in portion or)  To A to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as received.	ole and neutral, sheet steel, MCB distribution the tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breaker in the existing MCP, DP, and the existing MCP.	02 No. 02 No. 32 Nos.	Each	1760.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double doo Supplying & fixing suitable for inducti connections, testing Single Pole Single Pole & Neutr. Supplying and fixing current circuit break Switch board with co	as urface/ recess, complete with somections, powder painted in portion or)  To A to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as recall generating double not generated the pole of	ole and neutral, sheet steel, MCB distribution the tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.	02 No. 02 No.	Each Each	1760.00 2053.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate way, Double door 12 way, Double doo Supplying & fixing suitable for inducticonnections, testing Single Pole Single Pole & Neutral Supplying and fixing current circuit break Switch board with co 63 A	as urface/ recess, complete with a surface/ recess, powder painted in a surface/ recess, complete with a surface	ole and neutral, sheet steel, MCB distribution the tinned copper bus bar, neutral bus bar, earth actuding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  The description of the existing main is sioning etc. as required.	02 No. 02 No. 32 Nos.	Each Each	1760.00 2053.00 199.00 544.00	
7.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate way, Double door 12 way, Double doo Supplying & fixing suitable for inducticonnections, testing Single Pole Single Pole & Neutral Supplying and fixing current circuit break Switch board with constant of the control	as urface/ recess, complete with connections, powder painted in connections and commissioning etc. as received as a connections, testing and commission connections are connected to connecte with cover plate have with charcoal / coke and salt a cectrode of 10 feet length filled	ble and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth actuding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breaker in the existing MCB DB complete with quired.  The property of the existing main is sioning etc. as required.  The property of the existing main is sioning etc. as required.  The property of the existing main is sioning etc. as required.  The property of the existing main is sioning etc. as required.  The property of the existing main is sioning etc. as required.	02 No. 02 No. 32 Nos. 04 Nos.	Each Each Each	1760.00 2053.00 199.00	
7. 88. 8. 00. 11.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inductic connections, testing Single Pole Single Pole & Neutral Supplying and fixing current circuit break Switch board with considerable with control of the supplying masonry ending and Laying the supplying the supply	as urface/ recess, complete with connections, powder painted in or)  To a to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as received as a series of the connections, testing and commissioning etc. as received as the connections, testing and commissioning etc. as received as the connections, testing and commissioning etc. as received as the connections of the connections are part of the connections of the connection form earth connection from earth connection from earth electrode in the connection of the connection from earth electrode in the connection from earth electr	ble and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth actuding earthing etc. as required (But without 55, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  The description of the existing main is sioning etc. as required.  The description of the existing main is sioning etc. as required.  The description of the existing main is sioning etc. as required.  The description of the existing main is sioning arrangement and watering pipe of is required. The description of the electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble	02 No. 02 No. 32 Nos. 04 Nos.	Each Each Each Each	1760.00 2053.00 199.00 544.00	
77. 88. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate way, Double door 12 way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inductic connections, testing Single Pole Single Pole & Neutron Supplying and fixing current circuit break Switch board with control of the suitable with the suitable	as urface/ recess, complete with connections, powder painted in connections as received and commissioning etc. as received and connection from earth connection from earth electrode in ling as required.	ble and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 55, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  ble, (single phase and neutral), 240 V, residual vity current of 30 mA in the existing main assioning etc. as required.  mm × 3 mm thick including accessories and ing locking arrangement and watering pipe of as required. / Chemical earthing with minimum with 50 Kg chemical component.  h electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble	02 No. 02 No. 32 Nos. 04 Nos. 02 Nos. 02 Nos.	Each Each Each Each Mtr.	1760.00 2053.00 199.00 544.00 2640.00 11794.00	
77.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inducticonnections, testing Single Pole Single Pole & Neutro Supplying and fixing current circuit break Switch board with color and the color of the col	as urface/ recess, complete with connections, powder painted in properties of the second painted in pr	ole and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  The decidence of 30 mA in the existing main assioning etc. as required.  The mm × 3 mm thick including accessories and ing locking arrangement and watering pipe of as required. The chemical earthing with minimum with 50 Kg chemical component.  The electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble to the etc. as required.  The electrode with 4.00 mm dia copper thimble and earth connection with copper thimble and earth connection with copper thimble are equired.	02 No. 02 No. 32 Nos. 04 Nos. 02 Nos. 02 Nos.	Each Each Each Each Each	1760.00 2053.00 199.00 544.00 2640.00 11794.00	
77.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inducticonnections, testing Single Pole Single Pole & Neutro Supplying and fixing current circuit break Switch board with color and the color of the col	as urface/ recess, complete with connections, powder painted in or)  To S A to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as recently as a service of the complete of the complet	ble and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 55, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  ble, (single phase and neutral), 240 V, residual vity current of 30 mA in the existing main assioning etc. as required.  mm × 3 mm thick including accessories and ing locking arrangement and watering pipe of as required. / Chemical earthing with minimum with 50 Kg chemical component.  h electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble	02 No. 02 No. 32 Nos. 04 Nos. 02 Nos. 20 M	Each Each Each Mtr.	1760.00 2053.00 199.00 544.00 2640.00 11794.00 257.00	
77.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inductic connections, testing Single Pole Single Pole & Neutro Supplying and fixing current circuit break Switch board with compared to the suitable of the suitab	as urface/ recess, complete with connections, powder painted in or)  To S A to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as recently as a service of the complete of the complet	ole and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  The decidence of 30 mA in the existing main assioning etc. as required.  The mm × 3 mm thick including accessories and ing locking arrangement and watering pipe of as required. The chemical earthing with minimum with 50 Kg chemical component.  The electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble to the etc. as required.  The electrode with 4.00 mm dia copper thimble and earth connection with copper thimble and earth connection with copper thimble are equired.	02 No. 02 No. 04 Nos. 04 Nos. 02 Nos. 02 Nos. 02 Nos. 08 Nos.	Each Each Each Mtr. Each Each	1760.00 2053.00 199.00 544.00 2640.00 11794.00 257.00 2768.00 2475.00	
77.	board, 240 volts, on bar, din bar, interce MCB/ RCCB/Isolate 8 way, Double door 12 way, Double door 12 way, Double door Supplying & fixing suitable for inducticonnections, testing Single Pole Single Pole & Neutro Supplying and fixing current circuit break Switch board with color and the color of the col	as urface/ recess, complete with connections, powder painted in or)  To S A to 32 A rating, 240 / 41 ive load of following pole and commissioning etc. as recently as a service of the complete of the complet	ole and neutral, sheet steel, MCB distribution th tinned copper bus bar, neutral bus bar, earth acluding earthing etc. as required (But without 5, 10 kA, "C" curve, miniature circuit breakers in the existing MCB DB complete with quired.  The decidence of 30 mA in the existing main assioning etc. as required.  The mm × 3 mm thick including accessories and ing locking arrangement and watering pipe of as required. The chemical earthing with minimum with 50 Kg chemical component.  The electrode with 4.00 mm dia copper wire in cluding earth connection with copper thimble to the etc. as required.  The electrode with 4.00 mm dia copper thimble and earth connection with copper thimble and earth connection with copper thimble are equired.	02 No. 02 No. 04 Nos. 04 Nos. 02 Nos. 02 Nos. 02 Nos. 08 Nos.	Each Each Each Mtr. Each Each	1760.00 2053.00 199.00 544.00 2640.00 11794.00 257.00 2768.00 2475.00	

RPCANA Page (Salida Stipur)

(b)	The state of the s	istration No.: tified copy to be enclosed)	
(c)	Inco	me Tax & GST Clearance Certificate:	
(d)	Lice	nce issued by the Labour department:	
(e)	Det	iled of documents attached:	
(f)	Na	ne and address of the Contractor:	
(g)	Sign	ature of tenders:	
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.	
	2.	i) In word Percent above the rates shown in the bill of quantities.	
		ii) In figure Percent above the rates shown in the bill of quantities.	
	3.	i) In word Percent below the rates shown in the bill of quantities.	
	,	ii) In figure Percent below the rates shown in the bill of quantities.	
		We will complete the work within calendar months from the date of work order	er.
	and	We have read and fully understood the terms and condition of the state (P.W.D.) contract from F <sub>2</sub> he N.I.T. and special condition attached herewith.	
×			
6		Name & full Signature of the Tenderer	
		312 7 mm	
	i.	No. of cutting.  Executive Engineer (Electrical)  PRPCAU.Pusa  No. of cutting.	
	ii.	No. of over writing	
	iii.	Rate quoted	
		Executive Engineer (Electrical) DRPCAU,Pusa	

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- 3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- 4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance
  after works shall not be considered.
- 9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical
DRPCAU, Pusa

# Grand.

## **BILL OF QUANTITY**

Name of Work:	Internal Electrical In	nstallation in Millet Store c	um office, TCA, Dholi
Estimated Cost:	Rs. 117475=00	Sold to M/S	
Earnest Money:	Rs. 2500 =00	Address	
Cost of BOQ:	Rs. 500 = 0	Registration No.	•
Time of Completion:	One Month.	M.R. No.	Date:

S.N.	Items of work	Quantity	Unit	Rate	
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.  Group-A				Amount
	Group-B	06 Nos.	Pt.	694.00	Tale 1
	Group-C	05 Nos.	Pt.	759.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	09 Nos.	Pt.	966.00	
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	100 M	Mtr.	167.00	
	2x6.0 Sq.mm + 1x6.0 Sq.mm earth wire.	10 M	Mtr.	249.00	bea in Earlie
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.			20,00	
	5/6 A switch	05 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	05 Nos.	Each	58.00	00000
	15/16 A Switch	05 Nos.	Each	110.00	
	6 pin 15/16 A Socket outlet	05 Nos.	Each	128.00	
1.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required.	12 Nos.	Each	65.00	
	Supplying and fixing brass batten / angle holder including connection etc. as required.	08 Nos.	Each	117.00	
i.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/RCCB/Isolator)				
	12 way, Double door	01 No.	Each	2053.00	
	Supplying & fixing 5 A to 32 A rating, 240 / 415, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pole	10 Nos.	Each	199.00	ELECTION OF
	Single Pole & Neutral	01 Nos.	Each	544.00	
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current of 30 mA in the existing main Switch board with connections, testing and commissioning etc. as required.				
0 1	40 A	01 Nos.	Each	2095.00	

45

S.N.	Items of work	Quantity	Unit	Rate	Amount
9.	Earthing with Copper earth plate 600 mm × 600 mm × 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal / coke and salt as required./Chemical earthing with minimum 15 mm dia copper electrode of 10 feet length filled with 50 Kg chemical component.	01 Nos.	Each	11794.00	
10.	Providing and Laying Earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia GI / PVC pipe from earth electrode including earth connection with copper thimble excavation and re-filling as required.	10M	Mtr.	257.00	
11.	Supplying, fitting and fixing of 32 Amp. Main switch etc. as required.	01 Nos.	Each	1450.00	
12.	S/F/F of Ceiling Fans including connections etc. as required. 1200mm (48 inch)(Bajaj/Usha/ Havells/ Crompton)	04 Nos.	Each	2475.00	
13.	Supplying, fitting and fixing of Step Fan regulator in the existing board connection etc. as required.	04 Nos.	Each	310.00	
14.	S/F/F of 9W LED bulb	08 Nos.	Each	225.00	
15.	S/F/F of 60W LED street light	03 Nos.	Each	10137.00	
16.	S/F/F of 18W tublelight	07 Nos.	Each	950.00	
17.	S/F/F of PVC Boards of different sized.				
	7"x4"	02 Nos.	Each	60.00	

Executive Engineer Electrical RPCAU, Pusa (Samastípur)

160

(c)	Incom	ne Tax & GST Clearance Certificate:	
(d)	Licen	ce issued by the Labour department:	
(e)	Detail	led of documents attached:	
(f)	Name	e and address of the Contractor:	
(g)	Signa	ature of tenders:	
	1. E	I/We as per execute the work at:- stimated/Analysis rete shown in the Bill of Quantities.	
	2. (i	) In word Percent above the rates shown	in the bill of quantities.
	(i	ii) In figure Percent above the rates shown	in the bill of quantities.
	3. (i	i) In word Percent below the rates shown	in the bill of quantities.
	(i	ii) In figure Percent below the rates shown	in the bill of quantities.
		We will complete the work within cal	
	I/	We have read and fully understood the terms and condition the N.I.T. and special condition attached herewith.	
45			Name & full Signature of the Tenderer
			Executive Engineer (Electrical)
	i.	No. of cutting	THE PEAU, Pusa
	ii.	No. of over writing	
	iii.	Rate quoted	
			Executive Engineer (Electrical) DRPCAU,Pusa

(b) Registration No.: (Certified copy to be enclosed)

#### OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

#### SPECIAL CONDITION

- Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates. 2.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- GST shall be deducted from each bill as per rules.
- Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical DRPCAU, Pusa chipur) Busa (San



Nam	ne of work:	Internal Electrical Inst	allation in Directorate of	Extension	Education	Building at	Dr.RPCAU, Pu		
Estimated cost: Rs.3,81,911.00 Sold to M/S									
Earnest Money: Rs.7,700.00			Address						
Cost	of B.O.Q:	Rs.750.00	Registration No.	Registration No.					
Γim	e of Completion	One month	M.R.No.	M.R.No. date					
S.N.	Items of work			Quantity	Unit	Rate	Amount		
l.	1.5 sq.mm FRLS surface/ recessed phenolic laminat	PVC insulated copper con- medium class PVC condu- ed sheet, suitable size M .mm FRLS PVC insulated	point/ call bell point with ductor single core cable in it with piano type switch, .S. box and earthing the d copper conductor single						
	Group-A			37 Nos.	Each	694.00	- 11		
	Group-B			42 Nos.	Each	759.00	5 1 1 1 1		
	Group-C			27 Nos.	Each	966.00			
2.	following sizes of cable in surface/ re	FRLS PVC insulated cop ecessed medium class PVC	with earth wire with the per conductor, single core conduit as required.			Zaraja.	la h		
		2.5 Sq.mm earth wire		495 M	Per M	167.00			
		4.0 Sq.mm earth wire.		107 M	Per M	200.00			
		6.0 Sq.mm earth wire.	The state of the s	07 M	Per M	249.00			
		2 Sq.mm earth wire.		50 M	Per M	543.00			
3.	Supplying and drawing following sizes of FSRLS PVC insulated copper conductor, single core cable in the existing surface steel/PVC conduit as required.  2x2.5 Sq.mm			83 M	Per M	55.00			
1.		xing following piano ty	pe switch/socket on the	00 111	1 01 111	33.00			
	existing switch box	cover including connection	ons etc. as read						
	5/6 A switch	and the same of th	ons etc. as requ.	59 Nos.	Each	45.00	-		
	3 pin 5/6 A Socket	outlet		59 Nos.	Each	58.00			
	15/16 Amp. Switch		V TO THE RESERVE TO T	35 Nos.	Each	110.00			
	16/16 Amp. Socke	No.		33 Nos.	Each	128.00			
5.	Supplying and fix		e on the existing junction	55 Nos.	Each	65.00			
5.			lder including connection	62 Nos.	Each	117.00			
	etc. as required.	o viass canters angle no	metading connection	02 1103.	Lacii	117.00			
7.	Supplying and fix steel, MCB distrib with tinned coppo- interconnections, I (Bud without MCE	ution board, 240 volts, on er bus bar, neutral bus bowder painted including B/RRCB/Isolator)	e pole and neutral, sheet surface/ recess, complete bar, earth bar, din bar, earthing etc. as required						
-	6 way, Double doo			01 No.	Each	1661.00	3		
3.	miniature circuit b in the existing M commissioning etc	ICB DB complete with	40/415,10KA, "C" curve, we load of following poles connections, testing and						
	Single pole			40 Nos.	Each	199.00			
	Single Pole & Neu		The second of the second	01 Nos.	Each	544.00			
).	neutral, sheet steel, complete with tinne interconnections, p	ing following way, horizon, MCB distribution board, and copper bus bar, neutral bowder painted including mout MCB/RCCB/Isolator)	415 V, on surface/ recess, bus bar, earth bar, din bar, including earthing etc. as						
- 1									



S.N.	Items of work	Quantity	Unit	Rsate	Amount
10.	Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Quantity	·	RSate	Amount
-4-0	63 Amp. TPN MCB.	02 Nos.	Each	2405.00	
11.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with charcoal/coke and salt) as required.	02 Set	Per Set	5308.00	
12.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and refiling as required.	30 M	Per M	257.00	
13.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	14 Nos.	Each	310.00	
14.	Supplying, fitting and fixing of 20 watt LED Tube Light Fitting including connections etc. as reqd.(Bajaj, Orpet/ Siska/Anchor)	20 Nos.	Each	980.00	
15.	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as reqd. (Bajaj, Oreva, Havells, Siska make)	02 Nos.	Each	10450.00	
16.	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	02 Nos.	Each	1232.00	
	Supplying, fitting and fixing of 15 Watt LED Portico Light Fitting including connections etc. as reqd.(Bajaj,Orpet,Anchor)	02 Nos.	Each	1900.00	4
17.	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewireable type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd., miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
	63 Amp. TP&N	02 Nos.	Each	5225.00	
	100 Amp. TP&N	01 No.	Each	7524.00	
	200 Amp. TP&N	01 No.	Each	12400.00	
8.	Providing and fixing following capacity busbar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connections, earthing the body etc. as reqd.				
	100 Amp.	01 No.	Each	4800.00	
	200 Amp.	01 No.	Each	6990.00	
1.46	S/F/F of PVC Boards.	V 1 1101	Lavii	0770.00	
	8"x6"	05 Nos.	Each	85.00	
	7"x4"				
	/ X4	19 Nos.	Each	60.00	

Executive Engineer Electrical Supplication (Samastipur)

(b)	Registration No.: (Certified copy to be enclosed)
(c)	Income Tax & GST Clearance Certificate:
(d)	Licence issued by the Labour department:
(e)	Detailed of documents attached:
(f)	Name and address of the Contractor:
(g)	Signature of tenders:
	I/We as per execute the work at:-  1. Estimated/Analysis rete shown in the Bill of Quantities.
	2. (i) In word Percent above the rates shown in the bill of quantities.
	(ii) In figure Percent above the rates shown in the bill of quantities.
	3. (i) In word Percent below the rates shown in the bill of quantities.
	(ii) In figure Percent below the rates shown in the bill of quantities.
	I/We will complete the work within calendar months from the date of work order.
8	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F <sub>2</sub> and the N.I.T. and special condition attached herewith.
ilo.	Name & full Signature of the Tenderer
	Executive Engineer (Electrical)
i	ORPCAL Pusa
i	i. No. of over writing
i	ii. Rate quoted
	Executive Engineer (Electrical)

## OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

#### SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- 4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- 8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.



P14-6)

Nai	me of work:	Internal Electrical Ir 18,19,20,21,23,24,25	nstallation in E.Type quarter 5,26,28 (Total-23 Unit)at DR	No.1,2,3	,4,6,8,9,1	0,11,12,13,	14,15,17,
Est	imated cost:	Rs.6,68,687.00	Sold to M/S	10110,1	usu		
Earnest Money: Rs.14,000.00			Address				
Cos	st of B.O.Q:	Rs.1,250.00	Registration No.				
Tim	ne of Completion	One month	MDN				
SN	- Completion	Items of work	M.R.No.		date		
1.	class PVC conduit M.S. box and eart	point/fan point/ exhaust fan po ed copper conductor single cor with piano type switch, phen	int/ call bell point with 1.5 sq.mm e cable in surface/ recessed medium olic laminated sheet, suitable size .mm FRLS PVC insulated copper	Quantity	Unit	Rate	Amou
	Group-B			161 Nos.	Each	694.00	
	Group-C			92 Nos.	Each	759.00	
2.	Wiring for circuit/s FRLS PVC insulate class PVC conduit a	ed copper conductor, single cor- us required.	th wire with the following sizes of e cable in surface/ recessed medium	23 Nos.	Each	966.00	
	2x1.5 Sq.mm + 1x1	.5 Sq.mm earth wire		92 M	Per M	146.00	
-	2x4.0 Sq.mm + 1x2	.5 Sq.mm earth wire		920 M	Per M	167.00	
3.	Supplying and five	.0 Sq.mm earth wire.		115 M	Per M	200.00	
٥.	box/cover including	connections etc. as reqd.	tch/socket on the existing switch				
-	5/6 A switch	41 7	138 Nos.	Each	45.00		
	3 pin 5/6 A Socket of 15/16 Amp. Switch	outlet	138 Nos.	Each	58.00		
	16/16 Amp. Socket		69 Nos.	Each	110.00		
4.		2 3 min 5 A!!	69 Nos.	Each	128.00		
5.	block including conf	nections etc. as read.	the existing junction box/ wooden	92 Nos.	Each	65.00	
	Supplying and fixing	g brass batten/angle holder inch	uding connection etc. as required.	184 Nos.	Each	117.00	
6.	neutral bus bar, earth	40 volts, on surface/ recess co	le and neutral, sheet steel, MCB implete with tinned copper bus bar, powder painted including earthing )				
7.		5 A to 32 A rating 240/415 I	0KA, "C" curve, miniature circuit	23 Nos.	Each	1661.00	
	complete with conne	inductive load of following actions, testing and commission	poles in the existing MCR DR				
	Single Pole & Neutro			92 Nos.	Each	199.00	
8.	Single Pole & Neutra			23 Nos.	Each	544.00	
ode.	as required.	d fixing of Step fan regulator i	n the existing board connection etc	46 Nos.	Each	310.00	
9		fixing of PVC Boards of diffe	rent sized.				
	5"x4"			92 Nos.	Each	60.00	
	4"X4"			46 Nos.	Each	50.00	
0.		orth nine 4.5 mater lane 40		46 Nos.	Each	45.00	
Ť	watering pipe etc.(wi	enclosure with cover plate the charcoal coke and salt as re	nm dia including accessories ,and having locking arrangement and equired.	04 Set.	Per set	5308.00	
11	wire 15 mm dia GI/	g Earth connection from earth PVC Pipe from earth electrodication and re-filing as required.	n electrode with 4.00 mm copper e including earth connection with	398 M	Per M	257.00	

Executive Engineer Electrical ARPAU PUSA mastiour)

(c)	Inco	me Tax & GST Clearance Certificate:	
(d)	Lice	ence issued by the Labour department:	
(e)	Det	ailed of documents attached:	
(f)	Na	me and address of the Contractor:	
(g)	Sig	nature of tenders:	
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.	
	2.	(i) In word	
		(ii) In figure Percent above the rates shown in the bill of quantities.	
	3.	(i) In word Percent below the rates shown in the bill of quantities.	
		(ii) In figure Percent below the rates shown in the bill of quantities.	
		I/We will complete the work within calendar months from the date of work	order.
	and	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from the N.I.T. and special condition attached herewith.	ı F <sub>2</sub>
8			
46		Name & full Signature of the Tendero	er
***		Executive Engineer (Electrical DRPCAU. Pusa in ur)	)
	i.	No. of cutting	
	ii.	No. of over writing	
	iii.	Rate quoted	
		Executive Engineer (Electrical DRPCAU, Pusa	1)

(b) Registration No.: (Certified copy to be enclosed)

#### OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

#### SPECIAL CONDITION

- Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates. 2.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected. 3.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

## **BILL OF QUANTITY**



Nam	ne of work:		tallation in E.Type quarte 47,48,49 (Total-20)at DR			4,35,36, 37	,38, 39,
Estin	nated cost:	Rs.5,83,700.00	Sold to M/S				
Earn	est Money:	Rs.12,000.00	Address				
Cost	of B.O.Q:	Rs.1,250.00	Registration No.				
Time	e of Completion	One month	M.R.No.		date		
SN		Items of work		Quantity	Unit	Rate	Amount
1.	FRLS PVC insula medium class PVC suitable size M.S. b copper conductor si	ted copper conductor single conduit with piano type swi	/ call bell point with 1.5 sq.mm fore cable in surface/ recessed tch, phenolic laminated sheet, 1.5 Sq.mm FRLS PVC insulated				
	Group-A			140 Nos.	Each	694.00	
	Group-B			80 Nos.	Each	759.00	
2.	Group-C	charata crista - 21	and an artist at a Call 1 1 1 1 1	20 Nos.	Each	966.00	
۷.	FRLS PVC insula		wire with the following sizes of core cable in surface/ recessed				
		.5 Sq.mm earth wire		80 M	Per M	146.00	
		.5 Sq.mm earth wire	800 M	Per M	167.00		
		.0 Sq.mm earth wire.	100 M	Per M	200.00		
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.  5/6 A switch  120 Nos. Ea						
				Each	45.00		
	3 pin 5/6 A Socket		120 Nos.	Each	58.00		
	15/16 Amp. Switch		60 Nos.	Each	110.00		
	16/16 Amp. Socket			60 Nos.	Each	128.00	
4.	block including con	nections etc. as reqd.	e existing junction box/wooden	80 Nos.	Each	65.00	
5.	required.		including connection etc. as	160 Nos.	Each	117.00	
6.	distribution board, bar, neutral bus ba earthing etc. as requ	240 volts, on surface/ recess, c r, earth bar, din bar, interconnectived (Bud without MCB/ RRCB	and neutral, sheet steel, MCB omplete with tinned copper bus ctions, powder painted including /Isolator)		I man		
	6 way, Double door			20 No.	Each	1661.00	
7.	breaker suitable fo	5 A to 32 A rating, 240/415,101 r inductive load of following pections, testing and commission					
- ST	Single Pol			80 Nos.	Each	199.00	
	Single Pole & Neut			20 Nos.	Each	544.00	
8.	etc as required.		in the existing board connection	40 Nos.	Each	310.00	
9		d fixing of PVC Boards of diffe	rent sized.			1 1 1	
46	7"x4"			80 Nos.	Each	60.00	
	5"x4"			40 Nos.	Each	50.00	
	4"X4"			40 Nos.	Each	45.00	
10.	providing masonry	arth pipe 4.5 meter long, 40 mr enclosure with cover plate havith charcoal/ coke and salt) as re-	04 Set	Per set	5308.00		
11	Providing and Layi wire 15 mm dia GI	ng Earth connection from earth	electrode with 4.00 mm copper including earth connection with	344 M	Per M	257.00	

Executive Engineer Electrical

	(Ce	ertified copy to be enclosed)	
(c)	Inc	come Tax & GST Clearance Certificate:	
(d)	Lic	cence issued by the Labour department:	
(e)	De	tailed of documents attached:	
(f)	Na	ame and address of the Contractor:	
(g)	Sig	gnature of tenders:	
	1.	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.	
	2.	(i) In word Percent above the rates shown	n in the bill of quantities.
		(ii) In figure Percent above the rates shown	n in the bill of quantities.
	3.	(i) In word Percent below the rates shown	n in the bill of quantities.
		(ii) In figure Percent below the rates shown	in the bill of quantities.
		I/We will complete the work within ca	alendar months from the date of work order.
	and	I/We have read and fully understood the terms and condit the N.I.T. and special condition attached herewith.	ion of the state (P.W.D.) contract from F <sub>2</sub>
-46			Name & full Signature of the Tenderer
	i.	No. of cutting	Executive Engineer (Electrical)  EXPCAU, Pusa (Samastipur)
	ii.	No. of over writing	
	iii.	Rate quoted	
			Executive Engineer (Electrical) DRPCAU,Pusa

(b) Registration No.:

#### OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

### SPECIAL CONDITION

- Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

# **BILL OF QUANTITY**

CHK-DOLL

Nai	ne of work:	Internal Electrical Ins 62,63,64,65,66,67,68.	tallation in E.Type quarte 69,70,71,72 (Total-23) at	er No. 50,5	1,52,53,54 Pusa	4,55,56,57,58,5	59,60,61,
Earr	imated cost:	Rs.6,68,687.00	Sold to M/S	Did Crio	, Tusa		
Ear	nest Money:	Rs.14,000.00	Address				
Cos	et of B.O.Q:	Rs.1,250.00	Registration No.				
Tim	ne of Completion	One month	M.R.No.		date	•	
SN		Items of work		Quantity	Unit	Rate	
1.	medium class PVC c suitable size M.S. box	/fan point/ exhaust fan point/ c copper conductor single cor conduit with piano type switch and earthing the point with 1.5 le core cable etc. as reqd.	e cable in surface/ recessed				Amo
	Group-B			161 Nos.	Each	694.00	
	Group-C			92 Nos.	Each	759.00	
2.		nain wiring along with earth wi	no with the feller :	23 Nos.	Each	966.00	
	medium class PVC cor	copper conductor, single conduit as required.	e cable in surface/ recessed				
	2x1.5 Sq.mm + 1x1.5	Sq.mm earth wire		92 M	Per M	146.00	
	2x2.5 Sq.mm + 1x2.5 S	Sq.mm earth wire		920 M	Per M	167.00	
-	2x4.0 Sq.mm + 1x4.0 S	Sq.mm earth wire.		115 M	Per M	200.00	
3.	box/cover including co	following piano type switch/sonnections etc. as reqd.	ocket on the existing switch				
	5/6 A switch		138 Nos.	Each	45.00		
	3 pin 5/6 A Socket out	et	138 Nos.	Each	58.00		
	15/16 Amp. Switch		69 Nos.	Each	110.00		
	16/16 Amp. Socket			69 Nos.	Each	128.00	
4.	block including connec	3 pin 5 A ceiling rose on the entions etc. as reqd.		92 Nos.	Each	65.00	
5.	required.	brass batten/angle holder in		184 Nos.	Each	117.00	
6.	distribution board, 240 bar, neutral bus bar, earthing etc. as required	following way, single pole and volts, on surface/ recess, commarth bar, din bar, interconnection d (Bud without MCB/ RRCB/Iso	plete with tinned copper bus				
7.	6 way, Double door	22 1 1 2 2		23 No.	Each	1661.00	
-	breaker suitable for in complete with connecti	a to 32 A rating, 240/415,10KA ductive load of following poleons, testing and commissioning	es in the existing MCB DB				
	Single Pol			92 Nos.	Each	199.00	
	Single Pole & Neutral			23 Nos.	Each	544.00	
8.	etc as required.	fixing of Step fan regulator in t		46 Nos.	Each	310.00	
9	Supplying fitting and fit	xing of PVC Boards of different	sized.				
	7"x4"		92 Nos.	Each	60.00		
	5"x4"			46 Nos.	Each	50.00	
	4"X4"			46 Nos.	Each	45.00	
10.	providing masonry end watering pipe etc.(with	pipe 4.5 meter long, 40 mm di closure with cover plate havin charcoal/ coke and salt) as requi	g locking arrangement and red.	04 Set	Per set	5308.00	
11	Providing and Laying E wire 15 mm dia GI/PV	Earth connection from earth electrode included on and re-filing as required.	ctrode with 4 00 mm copper	398 M	Per M	257.00	

Executive Engineer Electrical

(c)	Income Tax & GST Clearance Certificate:
(d)	Licence issued by the Labour department:
(e)	Detailed of documents attached:
(f)	Name and address of the Contractor:
(g)	Signature of tenders:
	I/We as per execute the work at:-  1. Estimated/Analysis rete shown in the Bill of Quantities.
	2. (i) In word
	(ii) In figure Percent above the rates shown in the bill of quantities.
	3. (i) In word Percent below the rates shown in the bill of quantities.
	(ii) In figure Percent below the rates shown in the bill of quantities.
	I/We will complete the work within calendar months from the date of work order.
	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from $F_2$ and the N.I.T. and special condition attached herewith.
3	
6	Name & full Signature of the Tenderer
	Executive Engineer (Electrical)  ORPGALLPusa pur)
	i. No. of cutting
	ii. No. of over writing
	iii. Rate quoted
	Executive Engineer (Electrical) DRPCAU.Pusa

(b) Registration No.: (Certified copy to be enclosed)

# OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

### SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- 4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- 6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- 7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- 8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electrical SRPCAU, Pusar pur

# BILL OF QUANTITY

(an	2

Name of work	Internal Electrical Installa	tion at 1st Floor, Mess & Main Panels in Guest House at Dr.RPCAU, Pusa
Estimated Cost	Rs. 4,21,264=00	Sold to M/S
Earnest Money	R. 9,000=00	Address:
Cost of B.O.Q	Rs. 750=00	Registration No.
Time of Completion	2 (Two) snowths	M.R.No.

S.N	SOR	Items of work	Quantity	Unit	Rate	Amore
01.		Wiring for light point/fan point/ exhaust fan point/ bell point with 1.5 sq.mm FRLS PVC insulated cop conductor single core cable in surface/ recessed medi	call per um	Cint	Kate	Amoun
		class PVC conduit with piano type switch, phenolaminated sheet, suitable size M.S. box and earthing point with 1.5 Sq.mm FRLS PVC insulated cop conductor single core cable etc. as required.	the			
	1.8.1	Group-A	18 Nos.	Each	694.00	
	1.8.2	Group-B	34 Nos.	Each	759.00	
	1.8.3	Group-C	28 Nos	Each	966.00	
02.		Wiring for circuit/ submain wiring along with earth w with the following sizes of FRLS PVC insulated cop conductor, single core cable in surface/ recessed mediclass PVC conduit as required.	vire per		300.00	
11	1.14.1	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	50 M	Per M	146.00	
	1.14.2	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	145M	Per M	167.00	
	1.14.3	2x4.0 Sq.mm + 1x4.0Sq.mm earth wire	325 M	Per M	200.00	
	1.14.5	2x10.0 Sq.mm + 1x6.0Sq.mm earth wire	16 M	Per M	328.00	
	1.14.10	4x10.0 Sq.mm + 2x6.0Sq.mm earth wire	30 M	Per M	543.00	
03.		Supplying and fixing following piano type switch/soci on the existing switch box/cover including connection etc. as reqd.	ket		343.00	
	1.23.1	5/6 A switch	50 Nos.	Each	45.00	
	1.23.4	3 pin 5/6 A Socket outlet	50 Nos.	Each	58.00	
	1.23.3	15/16 Amp. Switch	16 Nos.	Each	110.00	
	1.23.5	16/16 Amp. Socket	16 Nos.	Each	128.00	
	1.24.5	2 way 5/6 Amp. switch	04 Nos.	Each	123.00	
	1.24.8	Bell Push	08 Nos.	Each	126.00	
04.	1.33	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. read.	ng	Each	65.00	
05.	1.34	Supplying and fixing brass batten/angle holder including connection etc. as required.	ng 35 Nos.	Each	117.00	
06	2.3.2	Supplying and fixing following way, single pole as neutral, sheet steel, MCB distribution board, 240 volts, surface/ recess, complete with tinned copper bus baneutral bus bar, earth bar, din bar, interconnection powder painted including earthing etc. as required (Bu without MCB/ RRCB/Isolator)	on ar,	· Constitution		
0.5		8 way, Double door	01 No.	Each	1760.00	
07.	2.4	Supplying and fixing following way, horizontal type thre pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted	е		., 00.00	
		including earthing etc. as required. (But without				

	Total I	MCB/RCCB/Isolator)				
	2.41	4 way (4 + 12), Double door	02 Nos.	3068.00	Each	
Tell=Ve	2,4.2	6 way (4 + 18), Double door	02 Nos.	3693.00	Each	
08.	2.10	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		3073.00	Lacii	
	2.10.	Single Pole	10 Nos.	Each	100.00	
	2.10.3	Double Pole	10 Nos.		199.00	
09	N.S	Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.  63 Amp. TPN MCB.		Each	556.00	
10.	1.25		08 Nos.	Each	2405.00	
		Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	16 Nos.	Each	342.00	
11.	N.S	Supplying, fitting and fixing of 20 watt LED Tube Light Fitting including connections etc. as reqd.(Bajaj, Orpet/Siska/Anchor)	16 Nos.	Each	980.00	
12.	N.S	Providing and fixing following Capacity busbar chamber with 4 strips of suitable size made of coipper heavy duty complete with all accessories including connections, earthing the body etc. as reqd.  a)100 Amps	DI-		4600.00	
13.	N.S	Supplying, fitting and fixing of 9 Watt LED Bulb	1No.	Each	4600.00	
		including connections etc. as reqd.(Bajaj,Orpet,Anchor)	50 Nos.	Each	245.00	
14.	2.18	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.				
15.	NS	Supplying, fitting and fixing of 1200mm sweep Ceiling	08 Nos.	Each	1232.00	
		Fan complete set including connections etc. as reqd. (Havells, Bajaj, Orpet, Usha,)	8 Nos.	Each	2450.00	
16	NS	Supplying, fitting and fixing of 1400mm sweep Ceiling Fan complete set including connections etc. as reqd. (Havells, Bajaj, Orpet, Usha,)	8 Nos.	Each	2600.00	
17.	NS	Earthing with Chemical earthing including accessories, and providing masonry enclosure with cover plate having locking arrangement and earthing electrode of 2.7 metre long etc. with charcoal/ coke and salt as required.				i i
8.	5.13	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	01 Set.	Set Per M	257.00	
19.	N.S	S/F/F of 15 Watt LED Portico Light Fitting including connections etc as reqd. (Bajaj ,Orpat, Anchor)	16 Nos.	Each	257.00	
20.	N.S	S/F/F of PVC Boards.	10 1103.	Lacii	1875.00	
21	N.S	4"X5"	16 Nos.	Each	50.00	
21.	2.10	S/F/F of 30 WattS LED Street Light Fitting with clamp including connections etc as reqd. (Bajaj ,Orpat,Anchor)	01 No.	Each	3495.00	
+		Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	02 Nos.	Each	3726.00	

	2.2.1	100 A, 16 kA,TPMCCB			
22.	N.S	S/F/F of 100, 16 kA, TPMCCB Box including connections etc as required.	02 Nos.	Each	1495.00
23.	N.S	Supplying & fixing 40 Amp Double Pole rating miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	20 Nos.	Each	832.00
24.	N.S	Providing and fixing following Capacity 4pole ON-load changeover switches with side handle operation, in sheet enclosure in existing metal board including drilling holes in metal board, making connection, earthing the body etc. as reqd a)100 Amps, 4 pole	01 No.	Each	11746.00

Executive Engineer Electrical (Samastipus)

(b)	egistration No.: Certified copy to be enclosed)
(c)	come Tax & GST Clearance Certificate:
	cence issued by the Labour department:
(e)	etailed of documents attached:
(f)	ame and address of the Contractor:
	gnature of tenders:
	I/We as per execute the work at:- Estimated/Analysis rete shown in the Bill of Quantities.
- 2	(i) In word Percent above the rates shown in the bill of quantities.
	(ii) In figure Percent above the rates shown in the bill of quantities.
2	(i) In word Percent below the rates shown in the bill of quantities.
	(ii) In figure Percent below the rates shown in the bill of quantities.
	I/We will complete the work within calendar months from the date of work order.
a	I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from $F_2$ the N.I.T. and special condition attached herewith.
45	Name & full Signature of the Tenderer
	8/200
i.	No. of cutting.  Executive Engineer (Electrical)  DRPCAU, Pusastipur)
ii.	No. of over writing
iii	Rate quoted
	Executive Engineer (Electrical) DRPCAU,Pusa

# OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA,SAMASTIPUR-848125

## SPECIAL CONDITION

- 1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- 2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
- 3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- 6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
- 7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance
  after works shall not be considered.
- 9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- 17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
- 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- 26. GST shall be deducted from each bill as per rules.
- 27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- 28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- 29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer Electricat!

DRPCAU Pusa

(Samastipus)

# BILL OF GUANTITY



Name of work	Internal Electrical Installat	tion in Central Bank of India at Dr.RPCAU, Pt	ısa
Estimated Cost	B 552,000	Sold to M/S	
Earnest Money	BU800 =00	Address:	
Cost of B.O.Q	B 500 =00	Registration No.	
Time of Completion	Due Month.	M.R.No.	A TOTAL TOTAL

1 lm	e of Co	mpletion	One Month.	M.R.No.				
S.N.	SOR		Items of wor		Quantity	Unit	Rate	Amoun
01.		point with single cor conduit w suitable siz	r light point/fan point/ e 1.5 sq.mm FRLS PVC re cable in surface/ receith piano type switch, p ze M.S. box and earthing c insulated copper conduc					
	1.8.1	Group-A			20 Nos.	Each	694.00	
	1.8.2	Group-B			35 Nos.	Each	759.00	No. of the
	1.8.3	Group-C			25 Nos.	Each	966.00	- 122517
02.		the follow single cor conduit as	ing sizes of FRLS PVC in the cable in surface/ reconcequired.	along with earth wire with nsulated copper conductor, essed medium class PVC				
	1.14.2		nm + 1x2.5 Sq.mm earth w		365 M	Per M	167.00	
	1.14.3		nm + 1x4.0 Sq.mm earth v		70 M	Per M	200.00	
0.5	1.14.4		nm + 1x6.0 Sq.mm earth v		20 M	Per M	249.00	
03.			and fixing following pian witch box/cover including of	o type switch/socket on the connections etc. as reqd.				
	1.23.1	5/6 A swite	ch		26 Nos.	Each	45.00	
	1.23.4	3 pin 5/6 A	Socket outlet		26 Nos.	Each	58.00	ETTE
	1.23.3	15/16 Amp	o. Switch	11 Nos.	Each	110.00		
	1.23.5	16/16 Amp	11 Nos.	Each	128.00			
04.	1.33		Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.		42 Nos.	Each	65.00	
05.	1.34			en/angle holder including	38 Nos.	Each	117.00	
	1.5		etc. as required.	in angle noider melading	30 1103.	Lacii	117.00	
06.	2.3	sheet steel recess, cor earth bar, earthing et	I, MCB distribution boa implete with tinned copper din bar, interconnections, c. as required (Bud without	y, single pole and neutral, rd, 240 volts, on surface/ bus bar, neutral bus bar, powder painted including at MCB/ RRCB/Isolator)				
04	2.3.3	12 way, Do			01 No.	Each	2053.00	
07.		curve, min following connection	niature circuit breaker sui poles in the existing is, testing and commission	rating, 240/415,10KA, "C" table for inductive load of MCB DB complete with ing etc. as required.				
	2.10.1	Single pole			28 Nos.	Each	199.00	
0.0	2.10.2				01 Nos.	Each	544.00	
08.	2.4.2	and neutra surface/ re bus bar, e including MCB/RCC	Single Pole & Neutral Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including includingearthing etc. as required. (But without MCB/RCCB/Isolator)  Way (4+18) Double door		01 N/2	Eash	2602.00	
00	2.4.2			-ti 240 V 161 6 1	01 No.	Each	3693.00	
09.	2 12 7	miniature of poles in t testing and	ckt. Breaker suitable for in the existing MCB DB c commissioning etc. as rec	ating, 240 V, 'C' Series, nductive loads of following omplete with connections, quired.	01 N	EI	2405.00	
10	2.12.7	63 Amp.·T			01 No.	Each	2405.00	
10	NS	providing arrangement	rith Chemical earthing incl masonry enclosure with co nt and earthing electrode of	ver plate having locking				
	150 - 160	charcoal/ c	oke and salt as required.	Will select the late of the la	11794.00	Set	01 Set	

S.N.	SOR	Items of work	Quantity	Unit	Rsate	Amount
11.	5:13	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	15 M	Per M	.257.00	
12.	N.S	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	18 Nos.	Each	310.00	
13.	N.S	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as reqd. (Bajaj, Oreva, Havells, Siska make)	02 Nos.	Each	10450.00	
14.	2.18	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	05 Nos.	Each	1232.00	
15.	N.S	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewireable type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd.,miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
I all	N.S	63 Amp. TP&N	01 No.	Each	5225.00	
16.	N.S	S/F/F of PVC Boards.				
	E IF F	7"x4"	05 Nos.	Each	60.00	
		4"X5"	12 Nos.	Each	50.00	

Executive Engineer Effectifical ORPCAU DRPCA(Semastipur)

(b)			ation No.: ed copy to be enclosed)	
(c)	Inc	ome	Tax & GST Clearance Certificate:	
(d)	Lic	ence	e issued by the Labour department:	
(e)	De	taile	d of documents attached:	
			and address of the Contractor:	
			are of tenders:	
	1.	Est	I/We as per execute the work at:- imated/Analysis rete shown in the Bill of Quantities.	
	2.	(i)	In word Percent above the rates shown	in the bill of quantities.
		(ii)	In figure Percent above the rates shown	in the bill of quantities.
	3.	(i)	In word Percent below the rates shown	in the bill of quantities.
		(ii)	In figure Percent below the rates shown	in the bill of quantities.
			We will complete the work within cal	
	an	I/V	We have read and fully understood the terms and condition attached herewith.	
40				Name & full Signature of the Tenderer
	i. ii.		No. of cutting	Executive Engineer (Electrical)  DRPCAU, Pusa (pur)
	iii	i.	Rate quoted	
				Executive Engineer (Electrical)

#### OFFICE OF THE EXECUTIVE ENGINEER ELECTRICAL DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY PUSA, SAMASTIPUR-848125

### SPECIAL CONDITION

- Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
- The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates. 2
- Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
- The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
- Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
- The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges. 6.
- The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
- The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
- The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
- 10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
- 11. Conditional tenders shall be outright rejected.
- 12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
- 13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any
- 14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
- 15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
- 16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
- The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed. 18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
- 19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
- 20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
- 21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
- 22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
- (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
- 23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
- 24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
- 25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
- GST shall be deducted from each bill as per rules.
- Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
- Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
- Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

DRPCAU Pusa